CLAIMS

1. Roll-bond type vertical evaporating panel for cooling a refrigerator or a freezer comprising a circuit consisting of refrigerant flow channels and comprising a descending part and an ascending part, wherein at least some of the channels of the descending part comprise a refrigerant accumulating area with a maximum height h_i, the totality of the heights h_i being adjusted such that the total volume of accumulating areas is greater than or equal to half the total volume of the cooling liquid and each height h_i is less than 70% of the total height of the channel H_i.

2. Panel set forth in claim 1, characterized in that one end of one or more channels is curved upwards so as to form a siphon and create an accumulating area.

3. Panel set forth in either claim 1 or 2, characterized in that at least one of the channels is provided with projections facing downwards forming accumulating areas.

4. Panel set forth in one of claims 1 to 3, characterized in that it comprises a boiler type channel including disk-shaped welded central areas.

5. Panel set forth in claim 4, characterized in that the sum of the widths li of the disk-shaped parts does not exceed 90% of the total length L of the boiler.